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MVP Dagen 2019

NextGen IT-Pro: Automasjon og optimalisering i Microsoft 365 og Azure

Power BI automatisering ved bruk av Microsoft Flow



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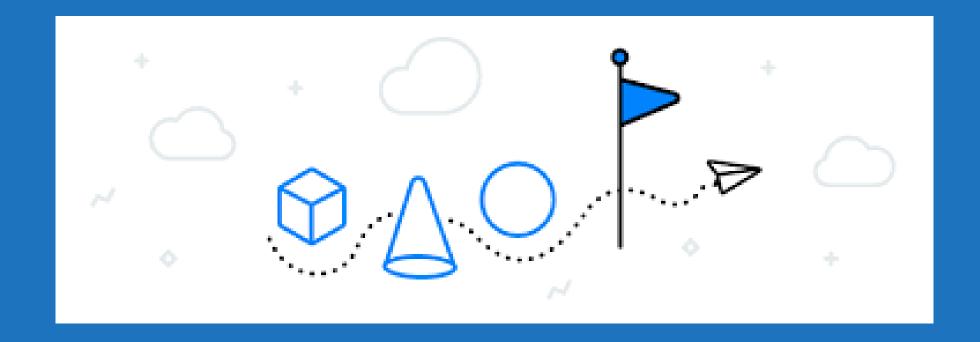


POWER BI REST API PROVIDES SERVICE ENDPOINTS FOR EMBEDDING, ADMINISTRATION, AND USER RESOURCES

Operation group Description Operations for working with administrative tasks. Admin Operations that return available features. Available Features Operations for working with capacities. Capacities Operations for working with dashboards Dashboards Operations for working with datasets Datasets Operations for working with embed tokens. **Embed Token** Operations for working with gateways. Gateways Operations for working with groups. Groups Operations for working with imports. **Imports** Operations for working with push datasets. **Push Datasets** Operations for working with reports. Reports

MS FLOW IS A LOW-CODE, NO-CODE BUSINESS PROCESS AUTOMATION TOOL

- Automate directly from business and productivity apps
- Access from O₃65 or <u>www.flow.microsoft.com</u>



1

CREATE A FLOW CUSTOM CONNECTOR TO THE POWER BI REST API

2

A FLOW TO TRIGGER REFRESH OF DATASET(S) IN POWER BI

AUTOMATION SCENARIO FOR REFRESHING POWER BI DATASETS













Business user has a datawarehouse or a job that runs every night to update some data

When the datawarehouse or job has completed, they would like to kick of a refresh of a Power BI dataset

When the dataset has been updated, we would like to inform the Team about the last refresh

3

A FLOW TO AUTOMATE POWER BI PREMIUM CAPACITY MANAGEMENT

AUTOMATION SCENARIO FOR CAPACITY MANAGEMENT





Power BI admins/CoE needs to automate the process of assigning business critical content to Premium Capacities due to many manual processes

Business
areas/teams can
submit business
reason for
assignment to
Premium (to new
or existing
workspace)

A request for approval is sent to the Admin/CoE

When approved, the information is stored in a SP list

We get the capacities (admin) and assign workspace to capacity

When assigned, the record in SP list is updated with Capacity details

FOR ALL POWER BIAPIFLOWS

- 1. Allow Flow to access the Power BI REST API by Register an App (Azure AD). Remember to grant permissions (admin rights needed)
- 2. Create a Custom Connector to PBI API
- Add Actions to the Custom Connector for PBI API endpoints that you would like to use in your Flow
- 4. Test the Custom Connector Action
- 5. Create Flow(s) with triggers, approvals, conditions and actions
- 6. Test the Flow
- 7. Publish!

The blog with video's based on this session can be found here: https://www.idabergumdata.com/home/microsoft-flow-automation-using-power-bi-api

SPØRSMÅL? DU FINNER MEG PÅ AVANADE STANDEN I PAUSEN



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Tusen Takk for oss!



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